

Fig. 4A provides partial DNA sequence of a 1.6 kb clone of *Brassica campestris* ("rapeseed") desaturase, designated pCGN3235 (SEQ ID NO: 17), and representing the 5' end.

Fig. 4B provides a partial sequence of *Brassica campestris* ("rapeseed") desaturase from a 1.2 kb clone, pCGN3236, from the 5' end (SEQ ID NO: 18). Initial sequence for the 3' ends of the two *B. campestris* desaturase clones indicates that pCGN3236 is a shorter cDNA for the same clone as pCGN3235.

Fig. 4C provides the complete cDNA sequence of the longer clone of *B. campestris* desaturase given above, pCGN3235 (SEQ ID NO: 19) and the corresponding translational peptide sequence (SEQ ID NO: 20).

At page 9, please delete the third full paragraph, referring to Fig. 7, and substitute the following three paragraphs:

Fig. 7A provides a map of a *C. tinctorius* desaturase cDNA clone showing selected restriction enzyme sites.

Fig. 7B provides a map of a *R. communis* desaturase cDNA clone showing selected restriction enzyme sites.

Fig. 7C provides a map of a *B. campestris* desaturase cDNA clone showing selected restriction enzyme sites.

Please add the following text to the end of the section describing the drawings on page 9, at line 23:

--Fig. 11 provides a flow chart illustrating the construction of the binary vector pCGN3242.--

upl At page 11, line 23, change "prokatyotic" to
--prokaryotic--.

At page 17, line 13, change "preformed" to
--performed--.

At page 37, in the section titled materials, at the
third line change "crystalized" to --crystallized--.

upl At page 40, line 26, change "tricholoracetic" to
--trichloroacetic--.

At page 43, line 11, delete the second "is".

At page 46, line 19, change "iodacetic" to
--iodoacetic--.

At page 46, line 25, change "iodacetic" to
--iodoacetic--.

At page 68, line 15, change "chloramphenical" to
--chloramphenicol--.

At page 69, line 18, change "chlormaphenicol" to
--chloramphenicol--.

At page 81, line 17, change "restiction" to
--restriction--.

At page 111, at the end of line 20, change "and" to
--are--.

At page 112, line 3, delete "18:1,".

At page 112, line 27, change "phoshomolybdic" to
--phosphomolybdic--.

At page 113, line 15, change "interfer" to
--interfere--.